



```

chain nodes :
  13 14 15 17 19 20 22 23 24 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41
  42 43 49
ring nodes :
  1 2 3 4 5 6 7 8 9 10 11 12
chain bonds :
  1-19 2-22 3-29 4-30 5-13 6-31 7-20 8-32 9-13 10-33 11-17 12-49 13-15 13-14 22-23
  23-24 24-27 24-28 34-35 36-37 38-39 38-40 41-42 41-43
ring bonds :
  1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
exact/norm bonds :
  1-19 2-22 7-20 11-17 12-49 13-15 13-14 24-27 34-35 36-37 38-39 38-40 41-42 41-43
exact bonds :
  3-29 4-30 5-13 6-31 8-32 9-13 10-33 22-23 23-24 24-28
normalized bonds :
  1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12

```

G1:H,Ak

G2:H,X,Ak

G3:[*1],[*2],[*3],[*4]

Match level :

```

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:CLASS 14:CLASS 15:CLASS 17:CLASS 19:CLASS 20:CLASS 22:CLASS 23:CLASS
24:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS
35:CLASS 36:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS 43:CLASS
49:CLASS

```